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4139-120  
PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Andreas Mahr, et al.**

Application No.: **09/889,003**

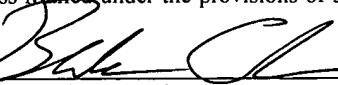
International Application No.: **PCT/DE00/00038**

Priority Date Claimed: **05 January 2000 and 08 January 1999 (German Appl. No. 199 00 414.5)**

Title: **METHOD AND DEVICE FOR DETERMINING VOLUMES IN THE HUMAN OR ANIMAL BODY**

### FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and First Class Mailed under the provisions of 37 CFR 1.8.

  
**Blake Crouch**

**November 15, 2001**

Date of Mailing

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### SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified national phase patent application, please amend the application, as follows:

1. A method for determining volumes in a human or animal body, comprising the steps of:  
a) providing a probe having a probe tip and a probe shaft, the probe tip being adapted to be inserted into a body cavity of the human or animal body;  
b) applying a first signal to the probe tip, the first signal being transmitted through the probe shaft to the probe tip;  
c) receiving a second signal from the probe tip, the second signal being transmitted through the probe shaft to a receiver; and  
d) processing the second signal to determine a volume of a portion of the body cavity.